LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.722	609	618	624	rVB	667536	887496	3.93%	0.366%
2	6.146	684	690	693	rBV	350243	466315	2.06%	0.192%
3	6.210	696	701	713	rVB	721900	1200145	5.31%	0.495%
4	7.457	904	913	919	rVB3	210832	420811	1.86%	0.174%
5	7.763	957	965	968	rBV4	111513	281456	1.25%	0.116%
6	7.840	968	978	986	rVB3	299037	1071838	4.75%	0.442%
7	7.957	986	998	1001	rBV2	931985	2263612	10.02%	0.934%
8	8.046	1001	1013	1016	rVB	1705955	4683389	20.73%	1.931%
9	8.228	1033	1044	1047	rBV	6213659	12347235	54.66%	5.092%
10	8.357	1051	1066	1069	rBV	9383168	19233041	85.15%	7.932%
11	8.410	1069	1075	1082	rVB	581531	1376672	6.09%	0.568%
12	8.581	1082	1104	1105	rBV3	8847489	22587919	100.00%	9.315%
13	8.628	1110	1112	1114	rVV	12329605	8905509	39.43%	3.673%
14	8.663	1114	1118	1124	rVB3	330633	547166	2.42%	0.226%
15	9.004	1170	1176	1181	rVB	297067	447013	1.98%	0.184%
16	9.181	1200	1206	1208	rBV	629348	871389	3.86%	0.359%
17	9.293	1221	1225	1229	rBV	445797	556968	2.47%	0.230%
18	10.251	1384	1388	1392	rVB2	2916405	4965156	21.98%	2.048%
19	10.334	1392	1402	1403	rBV2	1823907	4094057	18.12%	1.688%
20	10.587	1443	1445	1446	rBV	381113	317843	1.41%	0.131%
21	10.604	1446	1448	1455	rVB2	853103	882264	3.91%	0.364%
22	10.840	1486	1488	1494	rVB3	259270	362617	1.61%	0.150%
23	11.040	1504	1522	1536	rBV2	2031563	11766589	52.09%	4.853%
24	11.193	1538	1548	1550	rBV6	553044	1562218	6.92%	0.644%
25	11.504	1595	1601	1603	rBV	237484	371976	1.65%	0.153%
26	11.551	1603	1609	1610	rBV4	185271	308300	1.36%	0.127%
27	11.863	1654	1662	1674	rVB5	131878	464937	2.06%	0.192%
28	12.016	1682	1688	1689	rBV3	221337	331529	1.47%	0.137%
29	12.110	1696	1704	1709	rBV	969697	1478234	6.54%	0.610%
30	12.234	1715	1725	1732	rBV	1066050	1960338	8.68%	0.808%
31	12.492	1764	1769	1774	rBV	269053	410791	1.82%	0.169%
32	12.628	1786	1792	1796	rVV	980392	1639478	7.26%	0.676%
33	12.663	1796	1798	1806	rVV	626080	968909	4.29%	0.400%
34	12.734	1806	1810	1814	rVV2	214631	334968	1.48%	0.138%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.792	1816	1820	1824	rVV	227345	390564	1.73%	0.161%
36	12.839	1825	1828	1840	rVB	264331	454578	2.01%	0.187%
37	13.069	1860	1867	1872	rBV2	232875	413430	1.83%	0.170%
38	13.192	1882	1888	1896	rBV	278818	505369	2.24%	0.208%
39	13.492	1926	1939	1942	rBV	6661187	14279030	63.22%	5.889%
40	13.751	1975	1983	1984	rBV2	274384	537105	2.38%	0.222%
41	13.828	1991	1996	2002	rVB	1369835	2268335	10.04%	0.935%
42	13.892	2002	2007	2015	rBV2	1380878	3129374	13.85%	1.291%
43	13.969	2016	2020	2024	rVB3	535181	897886	3.98%	0.370%
44	14.069	2031	2037	2044	rBV4	528517	1450076	6.42%	0.598%
45	14.145	2046	2050	2054	rBV2	371517	625862	2.77%	0.258%
46	14.204	2054	2060	2064	rBV	2066938	3768267	16.68%	1.554%
47	14.263	2064	2070	2074	rVV5	1050413	2401220	10.63%	0.990%
48	14.304	2074	2077	2079	rVV3	812915	1163879	5.15%	0.480%
49	14.351	2080	2085	2089	rVV	3559482	5788918	25.63%	2.387%
50	14.422	2093	2097	2099	rBV	1068071	1485849	6.58%	0.613%
51	14.586	2119	2125	2128	rBV2	1261720	2398049	10.62%	0.989%
52	14.622	2129	2131	2136	rVV3	910702	1337291	5.92%	0.552%
53	14.686	2136	2142	2144	rVV	2002690	3888781	17.22%	1.604%
54	14.716	2144	2147	2150	rVV	3338881	5155830	22.83%	2.126%
55	14.757	2150	2154	2156	rVV	4988260	6505226	28.80%	2.683%
56	14.810	2160	2163	2165	rVV	957859	1423704	6.30%	0.587%
57	14.839	2165	2168	2173	rVB2	1723042	2574699	11.40%	1.062%
58	14.916	2177	2181	2186	rBV	459030	777809	3.44%	0.321%
59	15.022	2191	2199	2202	rBV	1350672	2625210	11.62%	1.083%
60	15.057	2202	2205	2216	rVB2	1030982	1605656	7.11%	0.662%
61	15.181	2223	2226	2230	rVB2	641608	817956	3.62%	0.337%
62	15.222	2230	2233	2235	rBV2	371955	523109	2.32%	0.216%
63	15.257	2236	2239	2246	rVB3	514844	1064352	4.71%	0.439%
64	15.369	2252	2258	2261	rBV2	1371184	2902069	12.85%	1.197%
65	15.475	2274	2276	2279	rVB2	893427	832485	3.69%	0.343%
66	15.533	2280	2286	2289	rBV2	1654294	3323215	14.71%	1.371%
67	15.604	2294	2298	2301	rVV2	1122464	1641708	7.27%	0.677%
68	15.651	2301	2306	2309	rVV3	1825507	3835242	16.98%	1.582%
69	15.710	2313	2316	2322	rVV	2955152	5763603	25.52%	2.377%
70	15.769	2322	2326	2328	rVV4	1832329	3136527	13.89%	1.294%
71	15.810	2328	2333	2341	rVB3	4281108	10981772	48.62%	4.529%

LSC Area Percent Report

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Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.916	2349	2351	2354	rBV3	430196	411960	1.82%	0.170%
73	15.969	2357	2360	2365	rVB2	1520516	2294399	10.16%	0.946%
74	16.022	2365	2369	2370	rBV2	1093560	1191255	5.27%	0.491%
75	16.051	2370	2374	2377	rBV2	1362074	1765674	7.82%	0.728%
76	16.110	2382	2384	2387	rVB	1402206	1292353	5.72%	0.533%
77	16.151	2387	2391	2394	rBV3	286678	410488	1.82%	0.169%
78	16.210	2399	2401	2404	rVB	569963	557610	2.47%	0.230%
79	16.251	2404	2408	2410	rBV	400898	505593	2.24%	0.209%
80	16.339	2418	2423	2429	rBV3	1194658	2466251	10.92%	1.017%
81	16.622	2468	2471	2474	rBV2	342579	474412	2.10%	0.196%
82	16.663	2475	2478	2480	rBV	503761	641999	2.84%	0.265%
83	16.780	2495	2498	2500	rBV2	359943	422204	1.87%	0.174%
84	16.816	2500	2504	2507	rVV2	490242	714894	3.16%	0.295%
85	17.045	2540	2543	2545	rBV	558942	608367	2.69%	0.251%
86	17.163	2560	2563	2565	rBV	497484	662193	2.93%	0.273%
87	17.869	2679	2683	2687	rVB	1171736	1321878	5.85%	0.545%
88	18.498	2787	2790	2793	rBV	515405	530788	2.35%	0.219%
89	18.669	2816	2819	2825	rBV3	467552	824525	3.65%	0.340%
90	18.739	2826	2831	2835	rVV	1215540	1618898	7.17%	0.668%
91	18.845	2845	2849	2855	rBV4	263398	507369	2.25%	0.209%
92	18.910	2856	2860	2865	rBV2	484110	730631	3.23%	0.301%
93	18.974	2866	2871	2875	rVV	661334	1003049	4.44%	0.414%
94	19.233	2911	2915	2916	rBV	335025	418905	1.85%	0.173%
95	19.363	2934	2937	2942	rVB2	783336	1067291	4.73%	0.440%
96	19.486	2954	2958	2961	rBV2	530004	908704	4.02%	0.375%
97	19.586	2973	2975	2980	rVB	850542	1011311	4.48%	0.417%
98	19.780	3004	3008	3012	rBV3	428498	642738	2.85%	0.265%
99	19.910	3027	3030	3032	rBV2	430120	541890	2.40%	0.223%
100	21.092	3224	3231	3235	rBV	2566858	3891602	17.23%	1.605%

Sum of corrected areas: 242481444

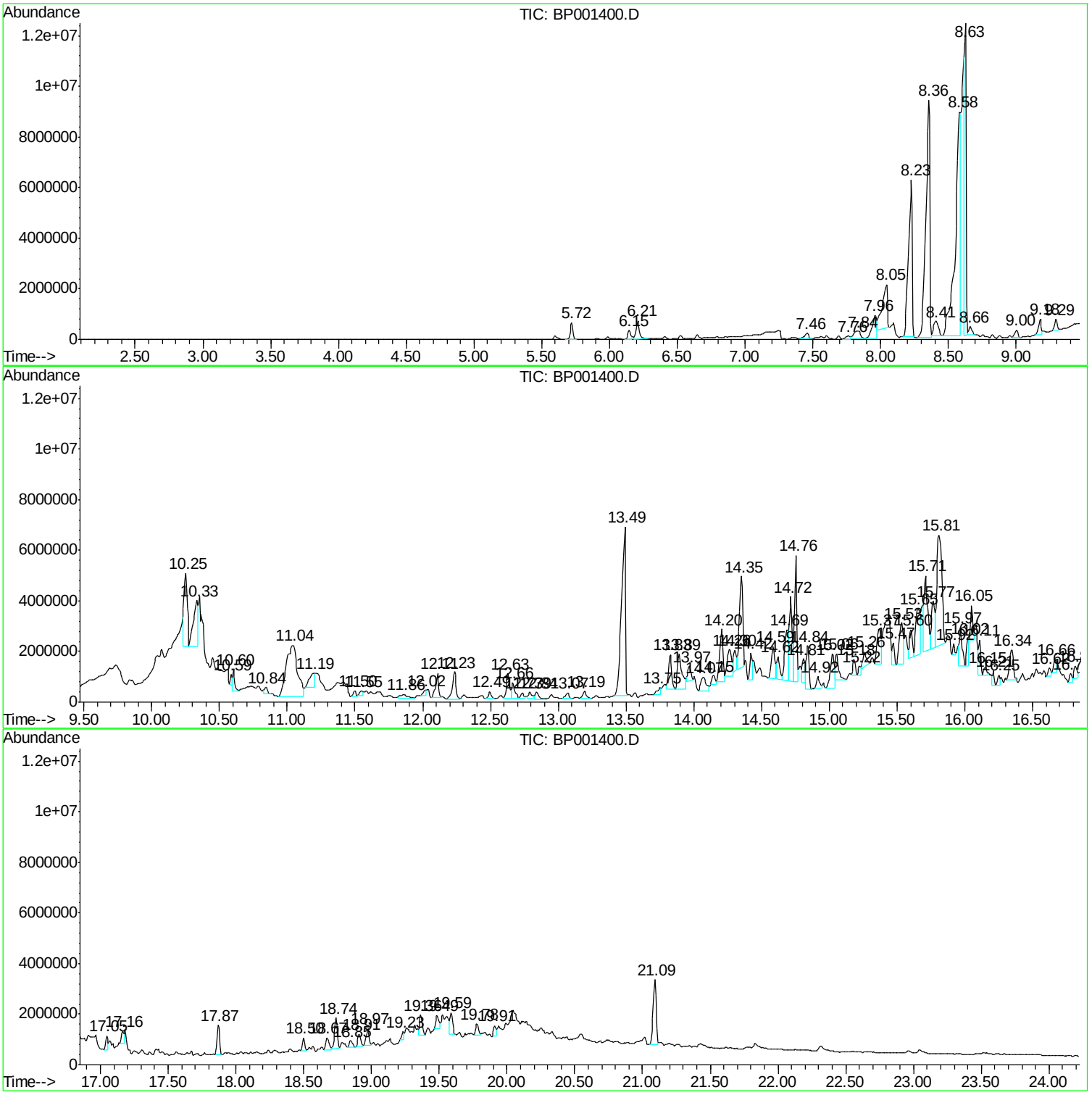
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

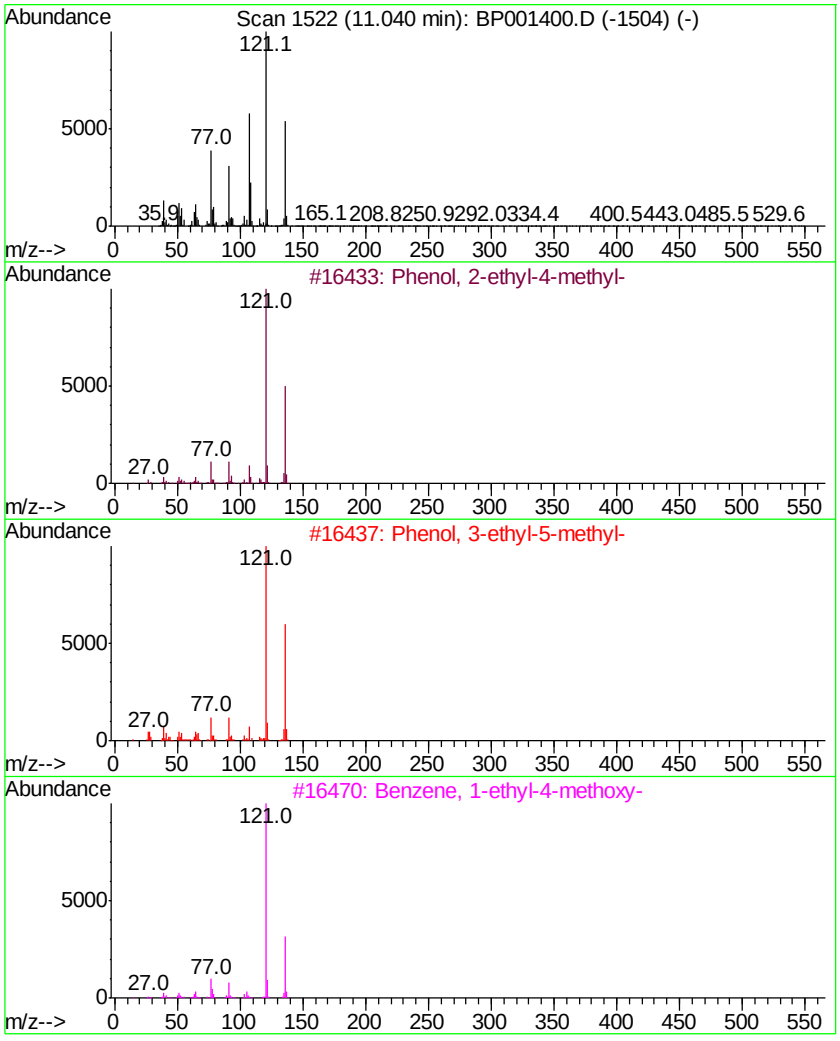
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

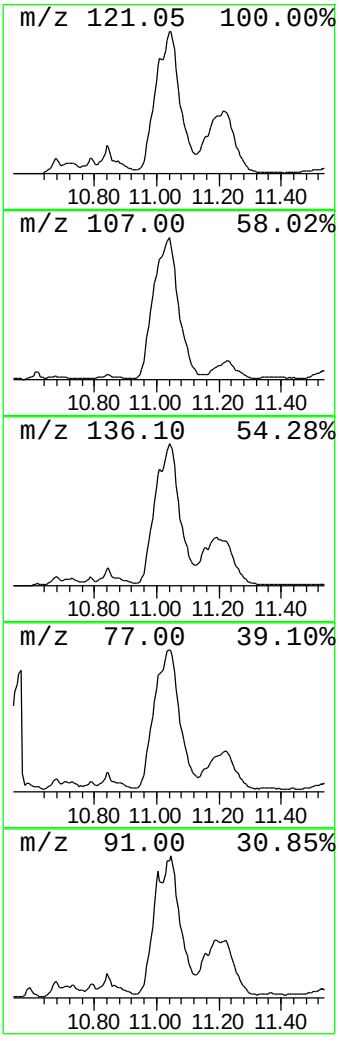
****

Peak Number 1 Phenol, 2-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	57.48 ng	11766600	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	81
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	76
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	62
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	60
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

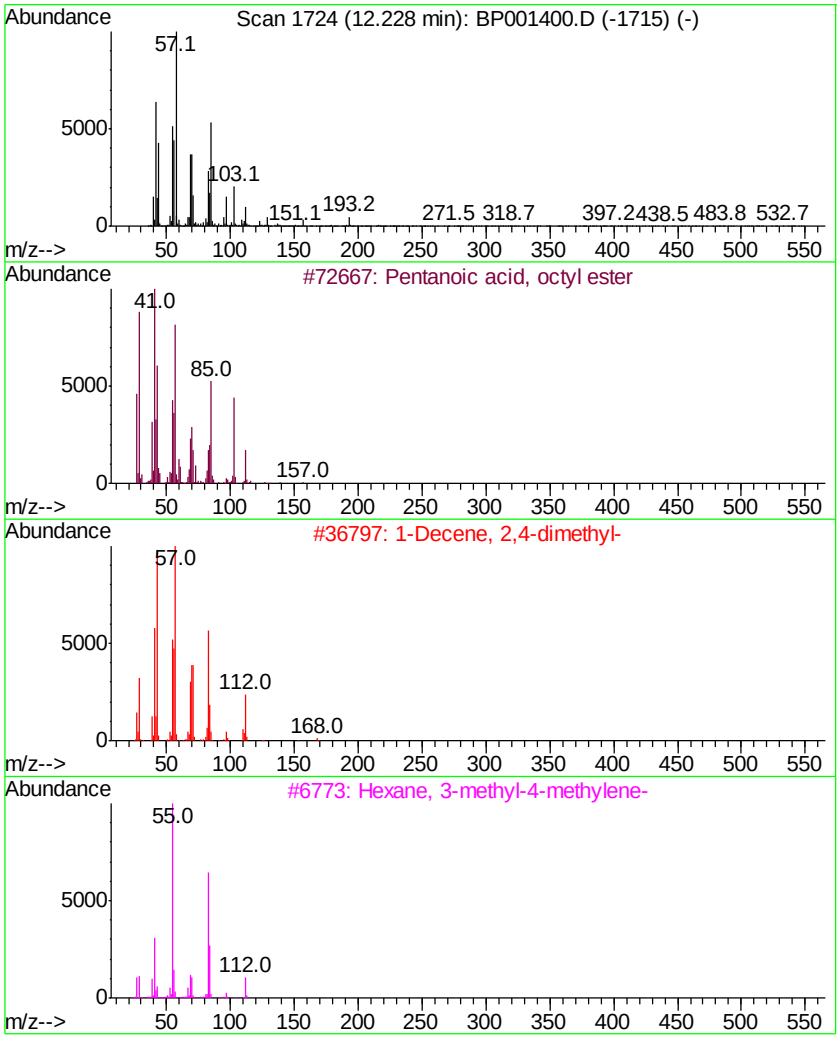
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

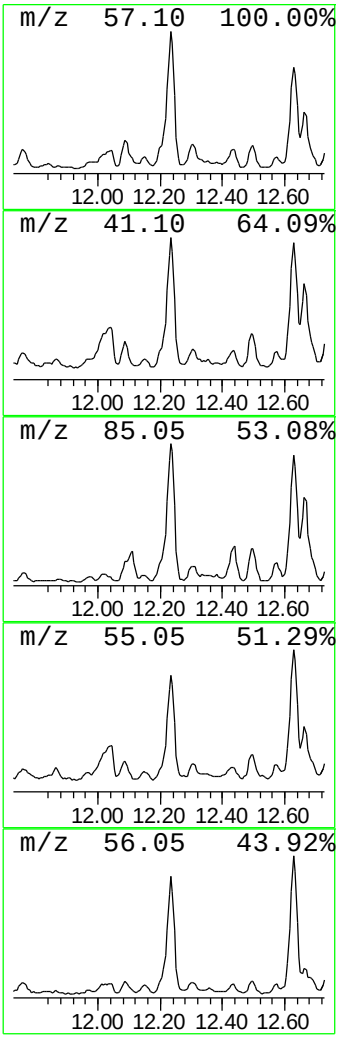
****

Peak Number 2 unknown12.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	77.58 ng	1960340	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, octyl ester	214	C13H26O2	005451-85-4	47
2	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	43
3	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	43
4	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	38
5	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
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Misc :
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Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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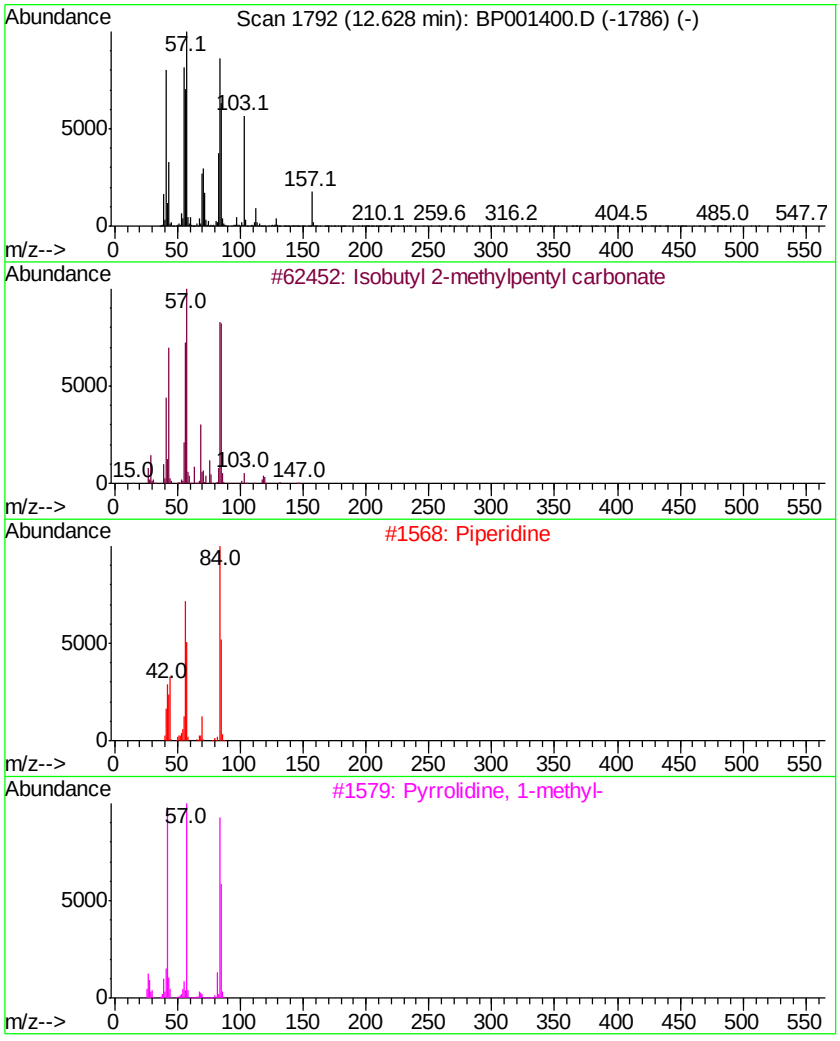
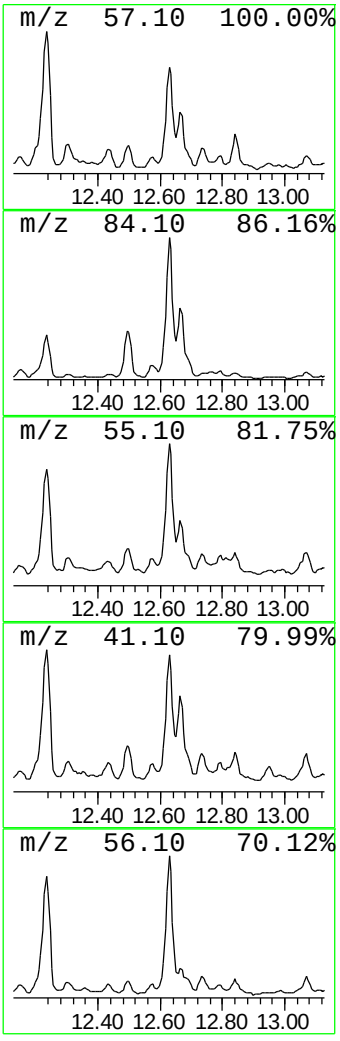
Peak Number 3 Isobutyl 2-methylpentyl car... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	64.88 ng	1639480	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	50
2	Piperidine	85	C5H11N	000110-89-4	49
3	Pyrrolidine, 1-methyl-	85	C5H11N	000120-94-5	43
4	Butanoic acid, 2-methyl-, hexyl ...	186	C11H22O2	010032-15-2	38
5	2-Acetylpiperidine	127	C7H13NO	097073-22-8	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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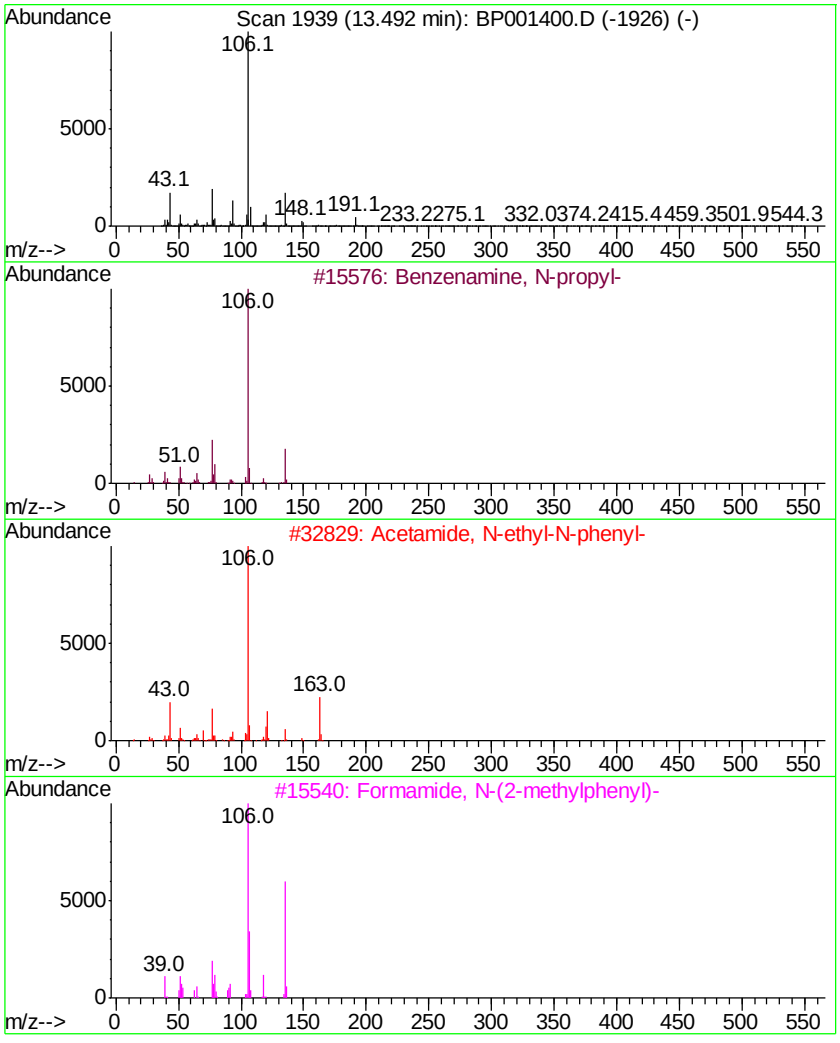
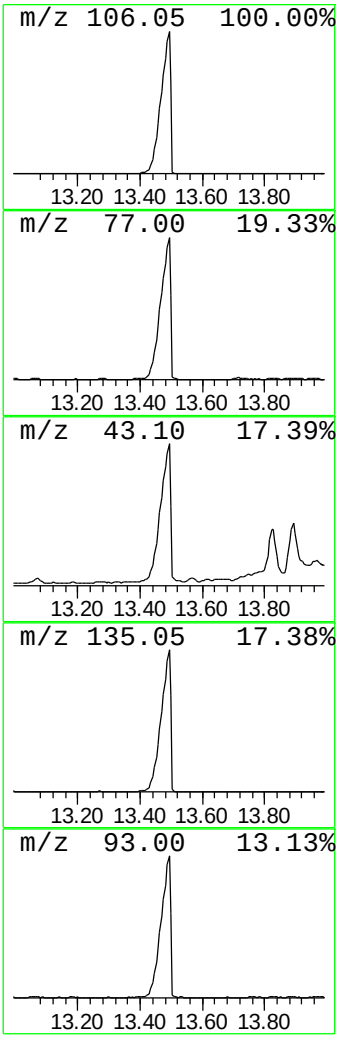
Peak Number 4 Benzenamine, N-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	565.09 ng	14279000	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	81
2	Acetamide, N-ethyl-N-phenyl-	163	C10H13NO	000529-65-7	72
3	Formamide, N-(2-methylphenyl)-	135	C8H9NO	000094-69-9	64
4	Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	64
5	Benzenamine, N-(2,2-dimethylprop...	163	C11H17N	007210-81-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

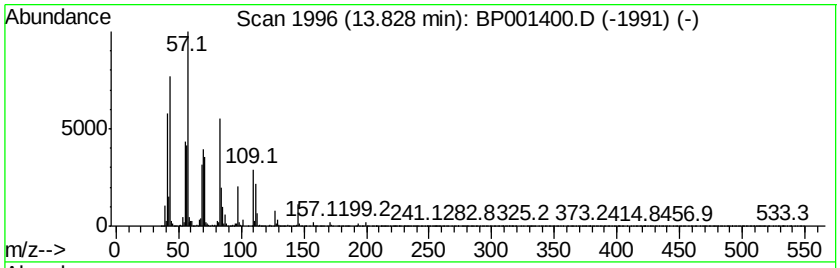
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

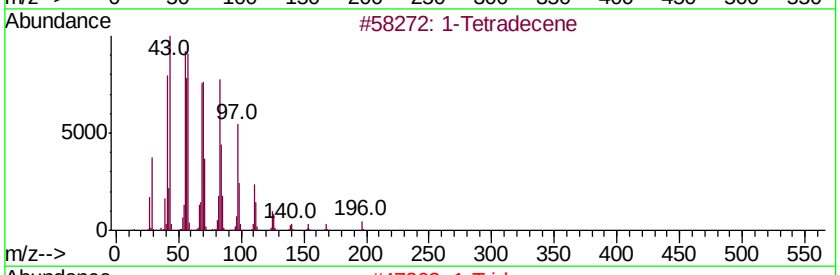
****

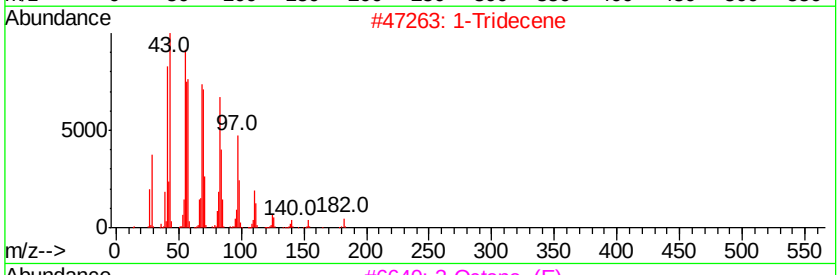
Peak Number 5 1-Tetradecene Concentration Rank 7

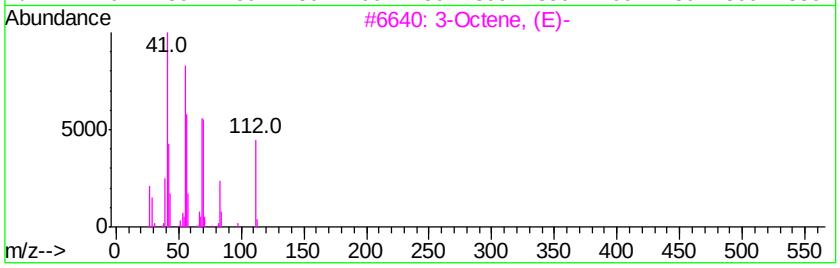
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	89.77 ng	2268340	Acenaphthene-d10	13.19

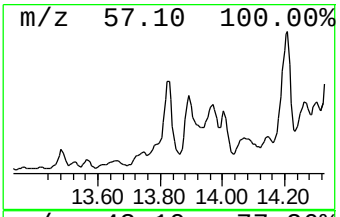
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	50
2	1-Tridecene	182	C13H26	002437-56-1	50
3	3-Octene, (E)-	112	C8H16	014919-01-8	38
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38
5	3-Octene, (Z)-	112	C8H16	014850-22-7	35

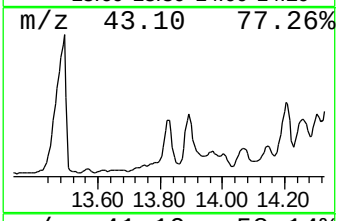


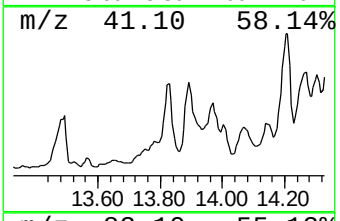


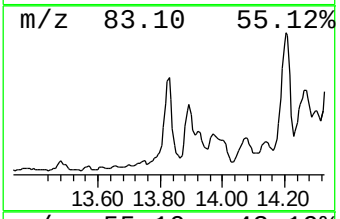


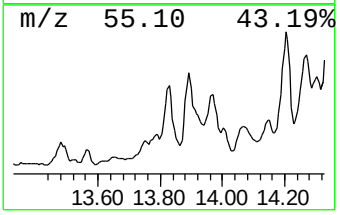












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Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

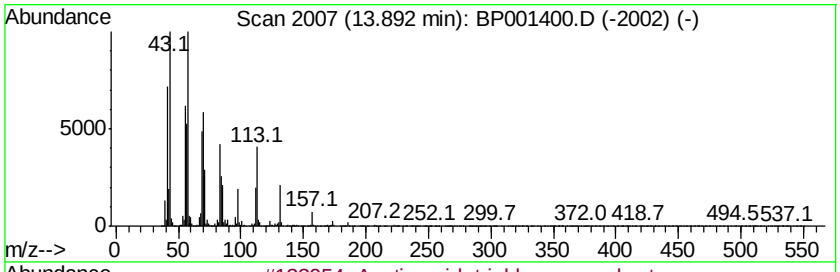
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

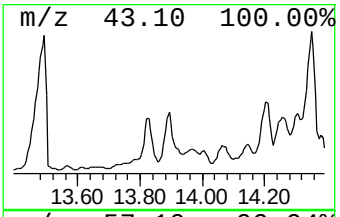
****

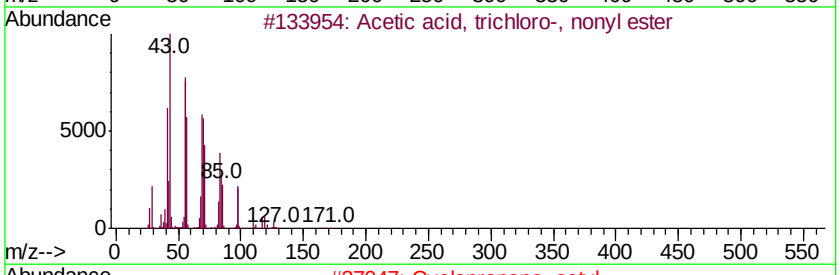
Peak Number 6 Acetic acid, trichloro-, no... Concentration Rank 5

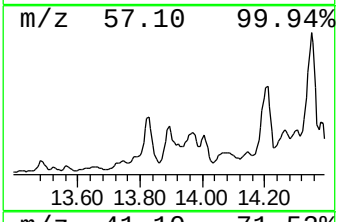
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	123.85 ng	3129370	Acenaphthene-d10	13.19

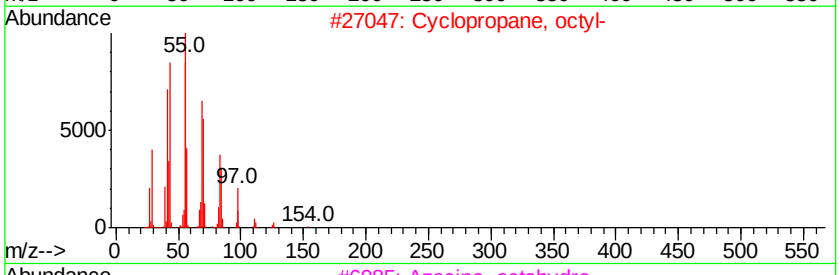
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	50
2	Cyclopropane, octyl-	154	C11H22	001472-09-9	49
3	Azocine, octahydro-	113	C7H15N	001121-92-2	49
4	1-Tridecene	182	C13H26	002437-56-1	47
5	Caprolactam	113	C6H11NO	000105-60-2	42

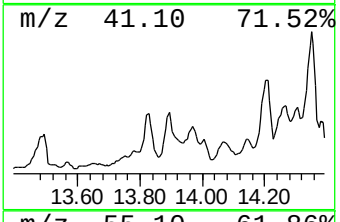


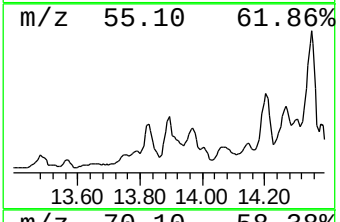


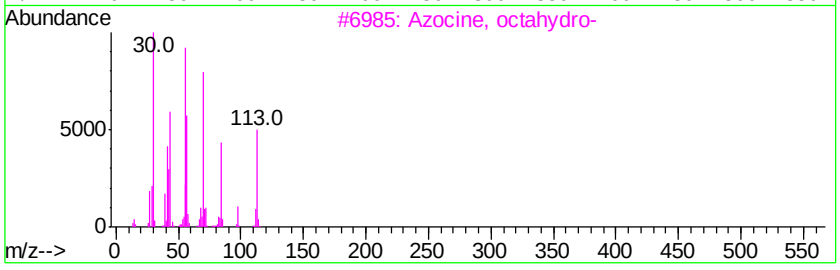


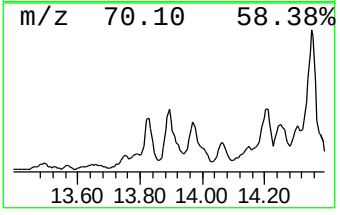












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Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

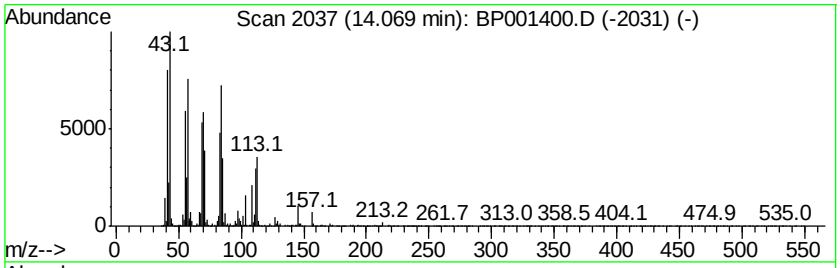
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

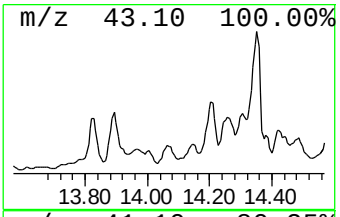
****

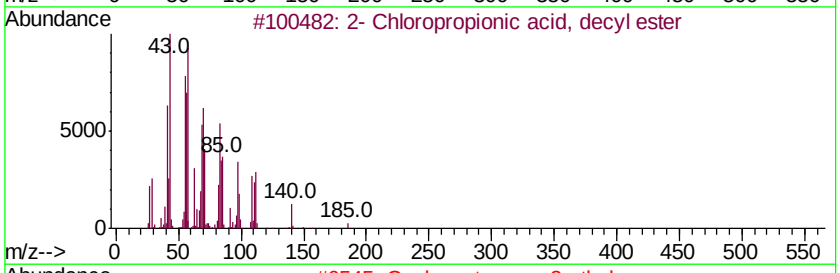
Peak Number 7 2- Chloropropionic acid, de... Concentration Rank 15

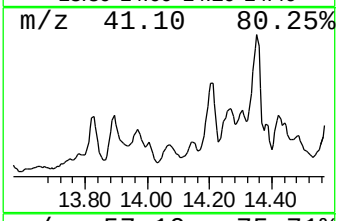
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	57.39 ng	1450080	Acenaphthene-d10	13.19

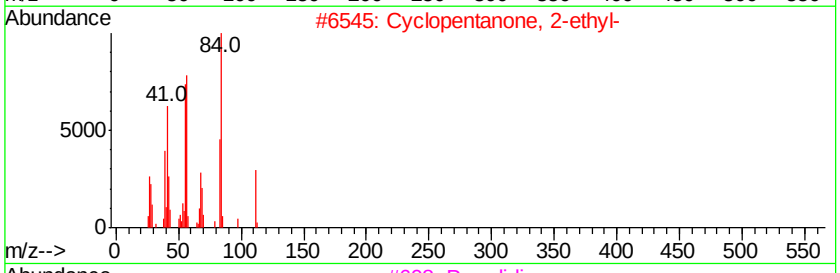
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	59
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	30
3	Pyrrolidine	71	C4H9N	000123-75-1	18
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	18
5	3-Ethyl-2-hexene	112	C8H16	000620-00-8	18

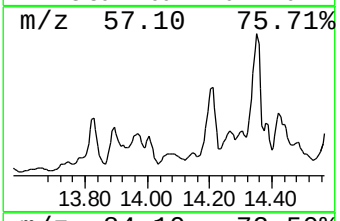


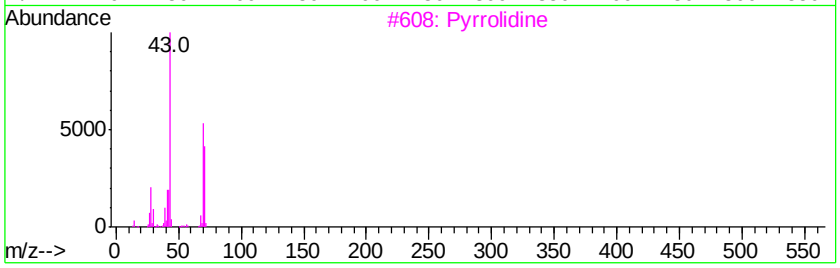


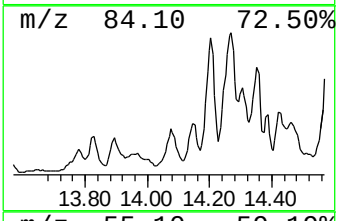


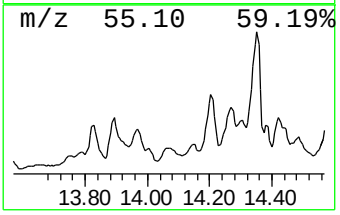












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Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

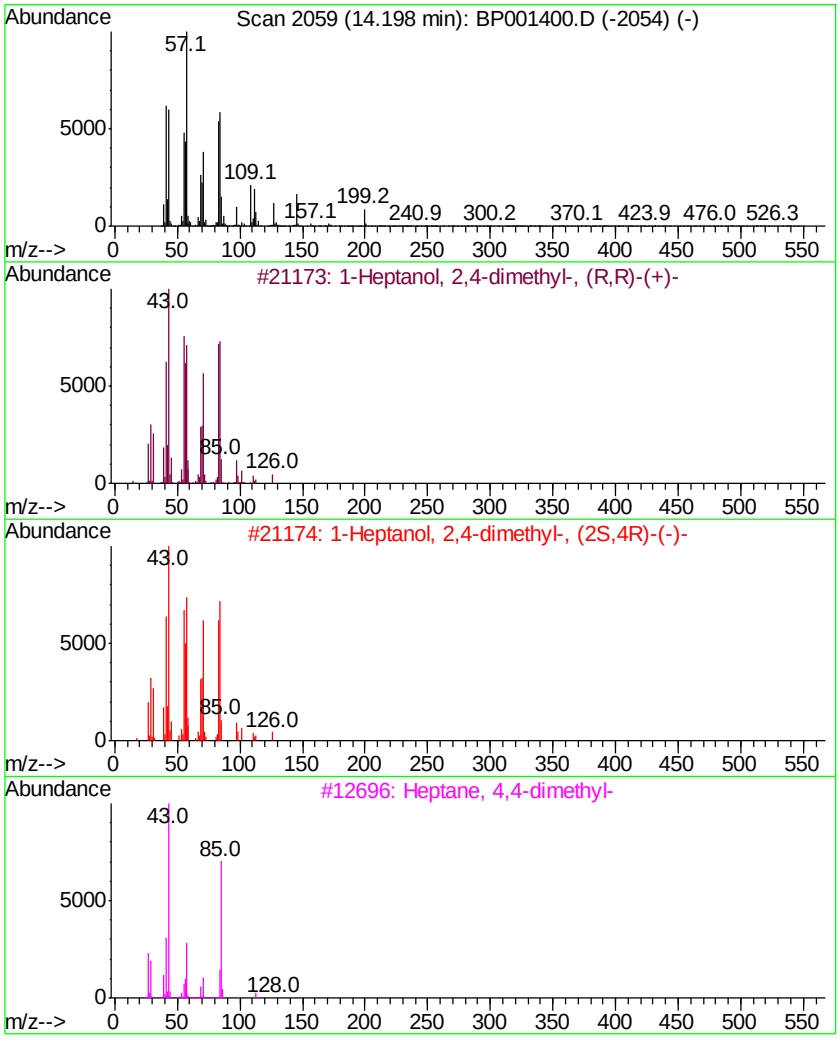
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

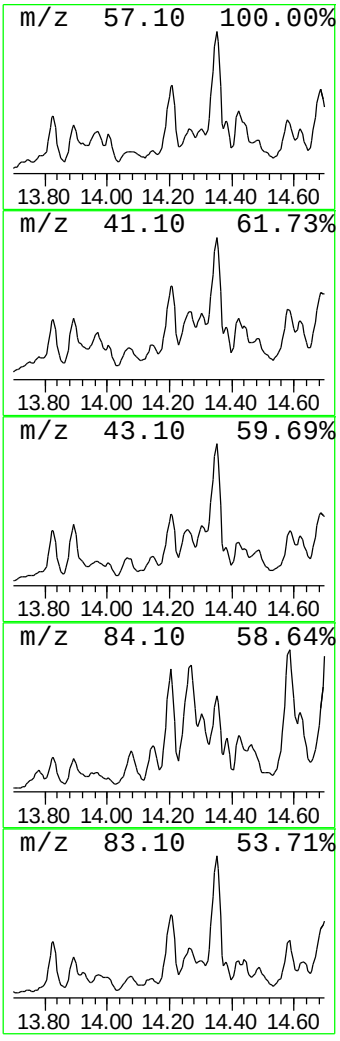
****

Peak Number 8 1-Heptanol, 2,4-dimethyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	149.13 ng	3768270	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2,4-dimethyl-, (R,R)...	144	C9H20O	018450-73-2	64
2	1-Heptanol, 2,4-dimethyl-, (2S,4...	144	C9H20O	018450-74-3	59
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	38
4	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	38
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

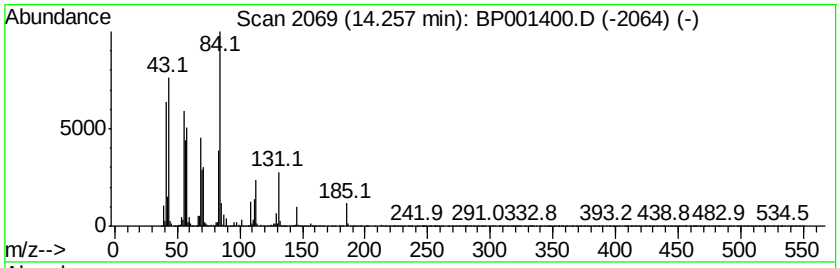
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

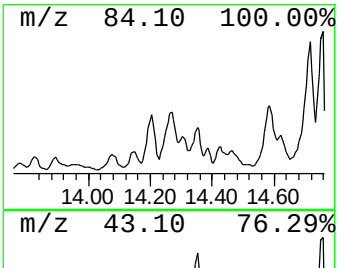
****

Peak Number 9 unknown14.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	95.03 ng	2401220	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanamine, N-ethyl-	113	C7H15N	045592-46-9	47
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	38
3	2-Piperidinecarboxylic acid	129	C6H11NO2	000535-75-1	35
4	.alpha.-Pyrrolidone, 5-acetoxyme...	157	C7H11NO3	1000125-94-1	35
5	1-Tetradecene	196	C14H28	001120-36-1	35





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Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

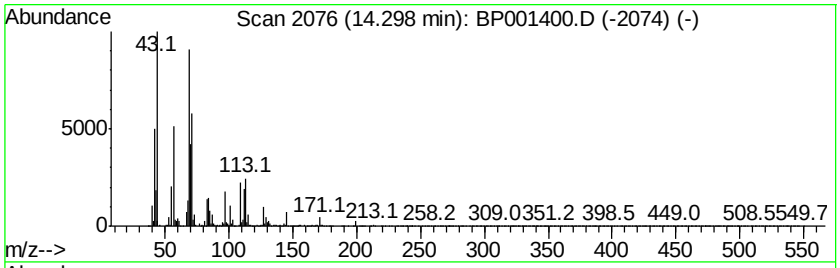
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

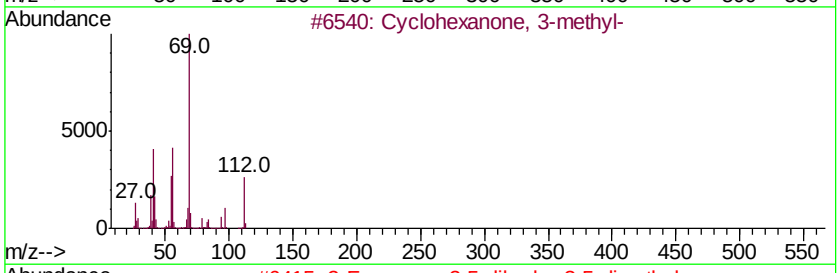
****

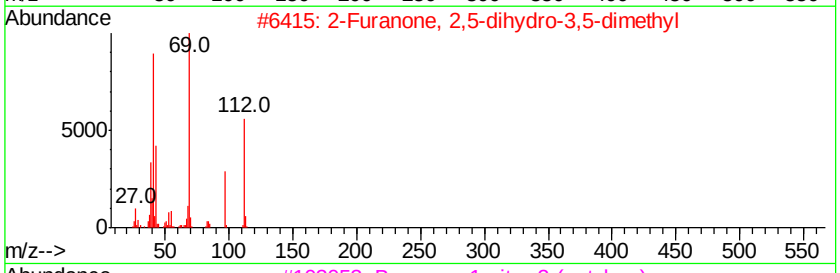
Peak Number 10 unknown14.30 Concentration Rank 20

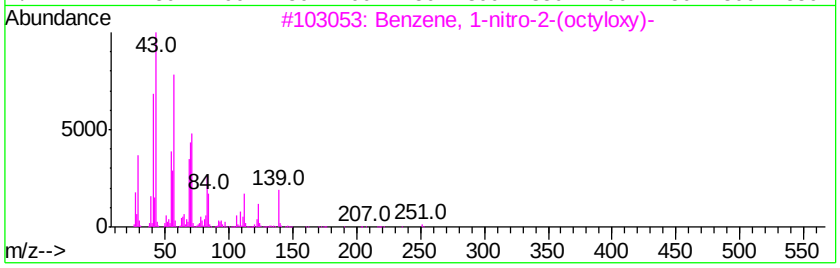
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	46.06 ng	1163880	Acenaphthene-d10	13.19

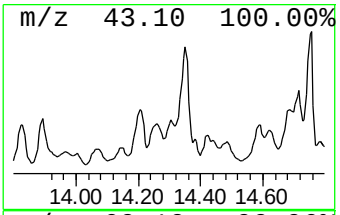
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	38
2	2-Furanone, 2,5-dihydro-3,5-dime...	112	C6H8O2	1000196-88-1	35
3	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	35
4	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	30
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	25

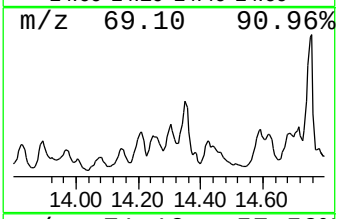


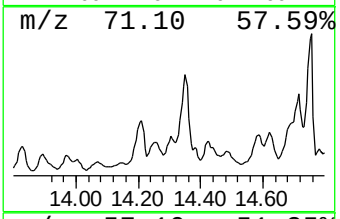


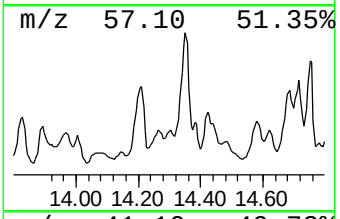


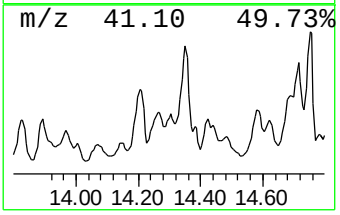












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Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

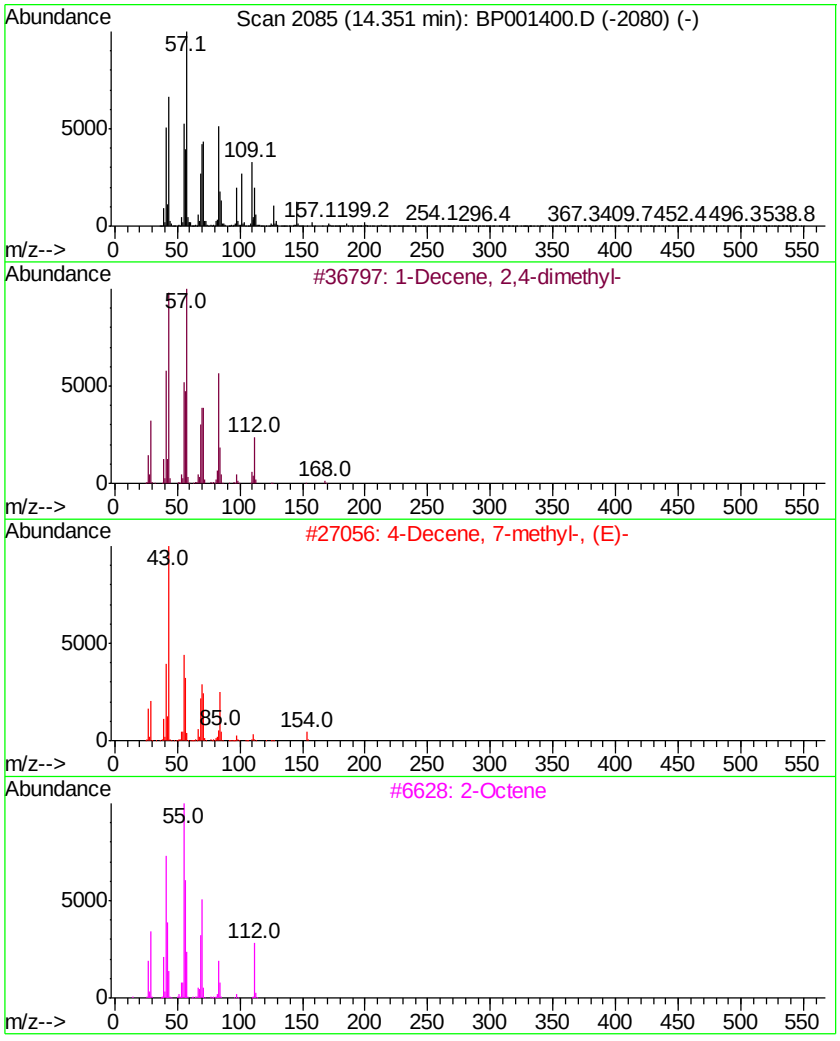
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

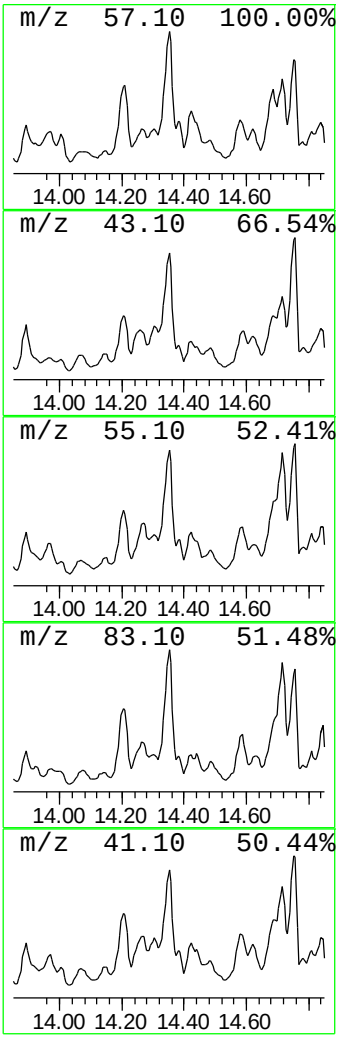
****

Peak Number 11 1-Decene, 2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	229.10 ng	5788920	Acenaphthene-d10	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
2	4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	45
3	2-Octene	112	C8H16	000111-67-1	35
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	35
5	4-Octene, (Z)-	112	C8H16	007642-15-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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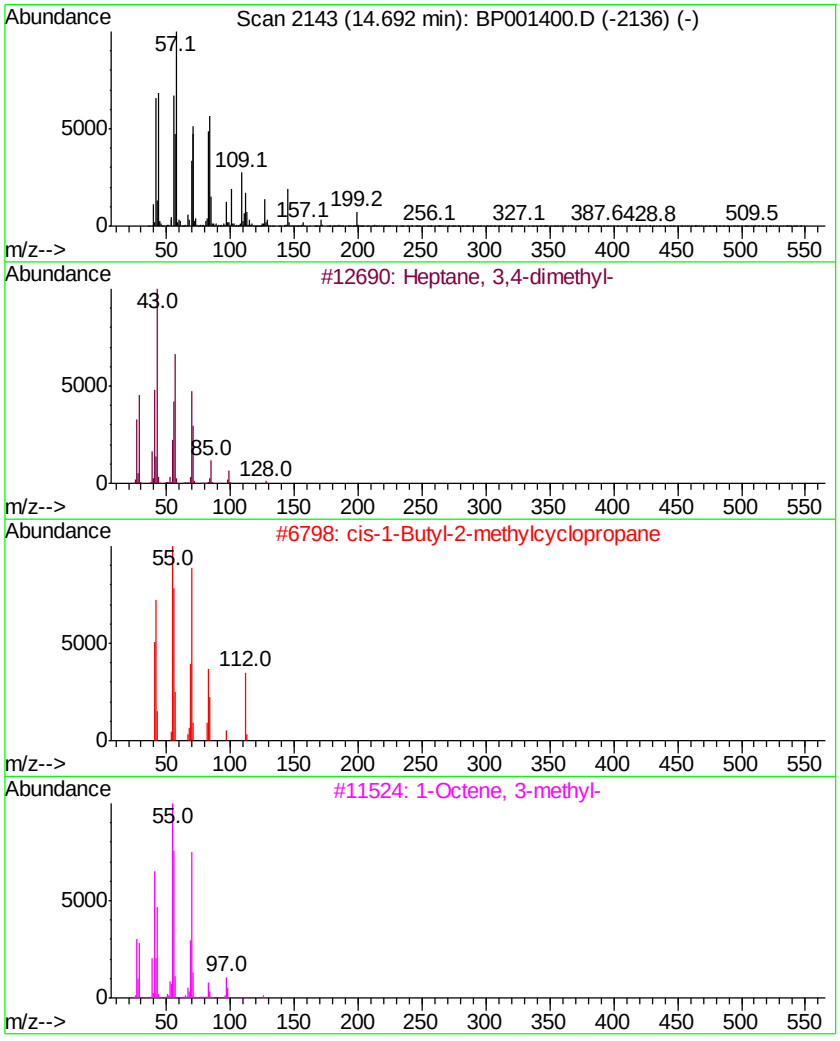
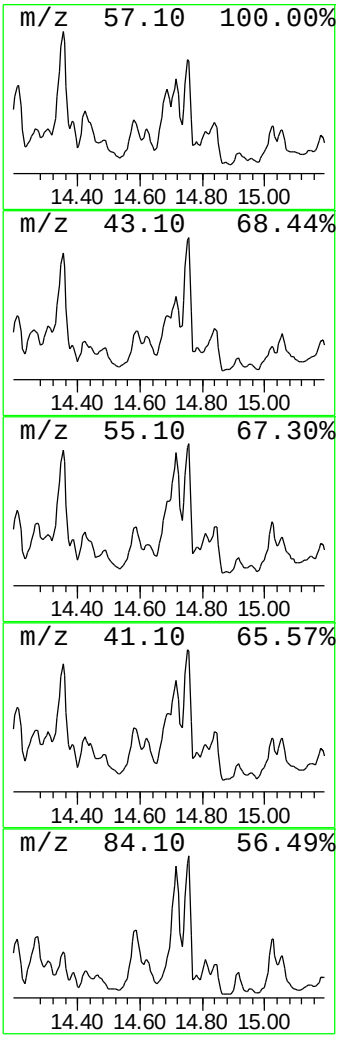
Peak Number 12 unknown14.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	47.37 ng	3888780	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	47
3	1-Octene, 3-methyl-	126	C9H18	013151-08-1	43
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	43
5	4-Piperidinone, 1,3-dimethyl-	127	C7H13NO	004629-80-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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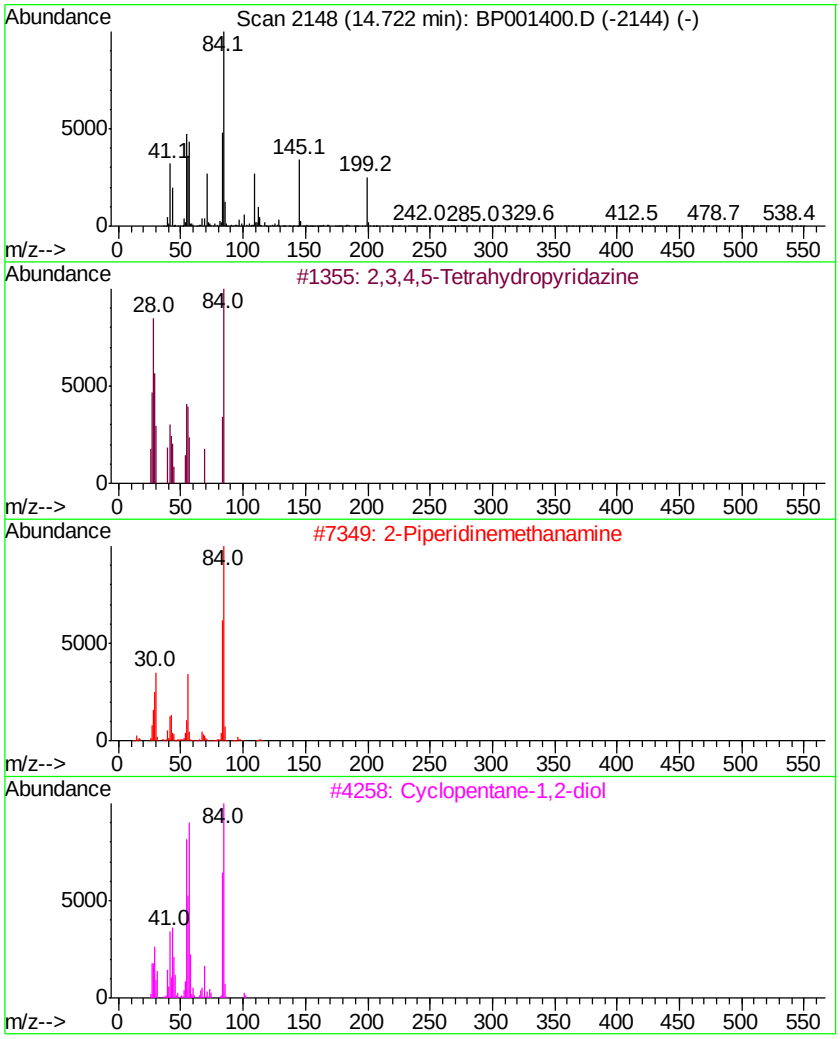
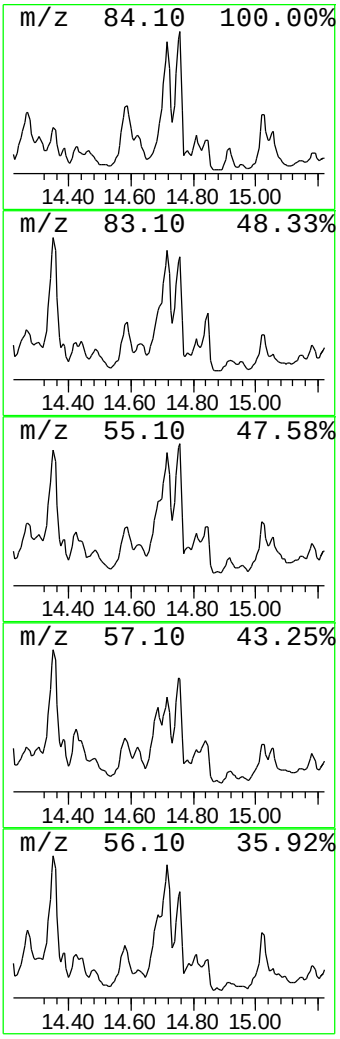
Peak Number 13 unknown14.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	62.81 ng	5155830	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	47
2	2-Piperidinemethanamine	114	C6H14N2	022990-77-8	47
3	Cyclopentane-1,2-diol	102	C5H10O2	1000194-24-0	47
4	1,3-Propanediol, 2-methyl-2-propyl-	132	C7H16O2	000078-26-2	43
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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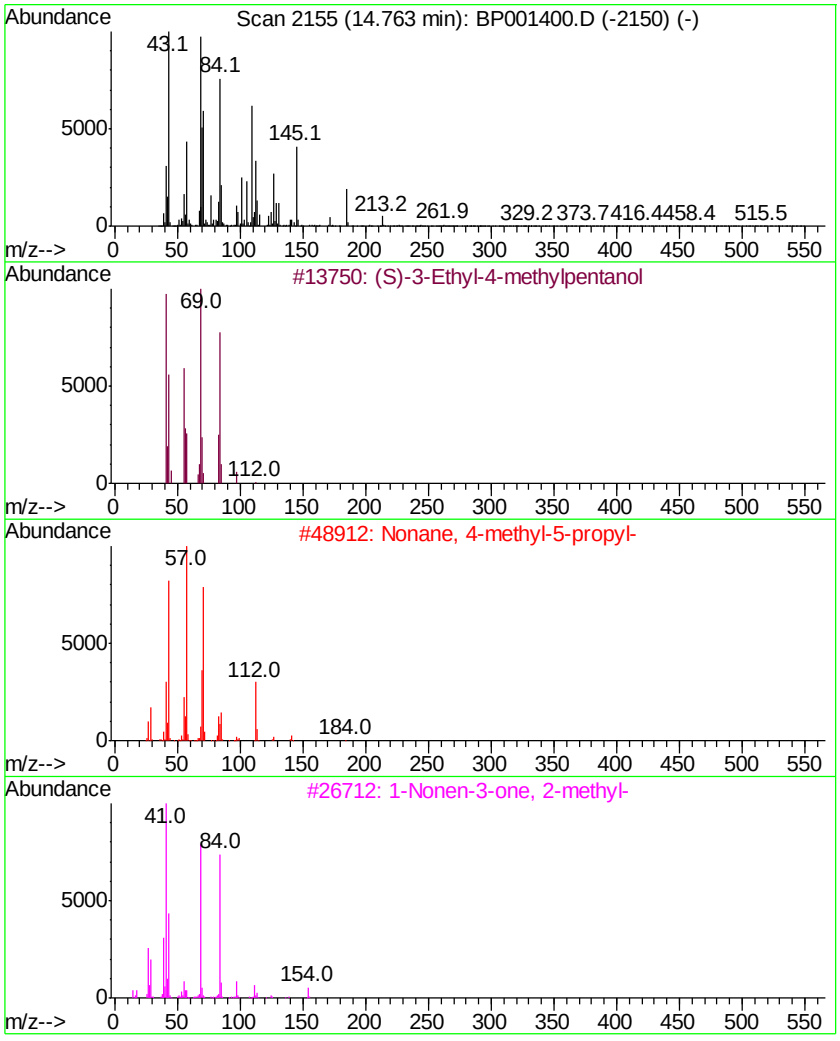
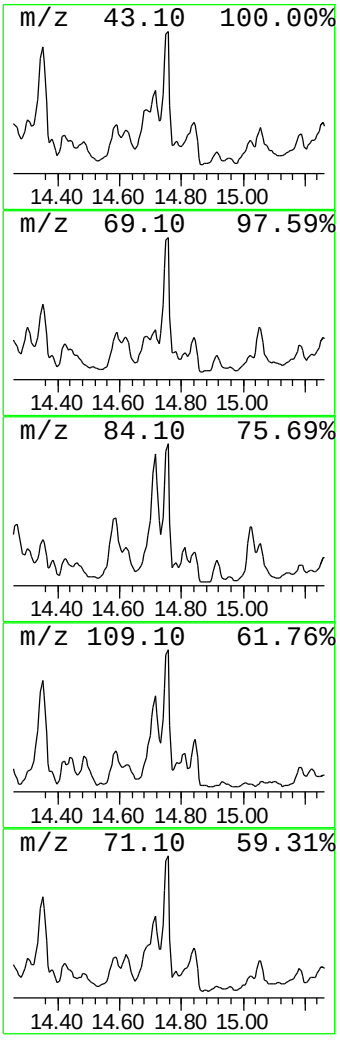
Peak Number 14 unknown14.76 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	79.25 ng	6505230	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	35
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	22
3	1-Nonen-3-one, 2-methyl-	154	C10H18O	051756-19-5	22
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	18
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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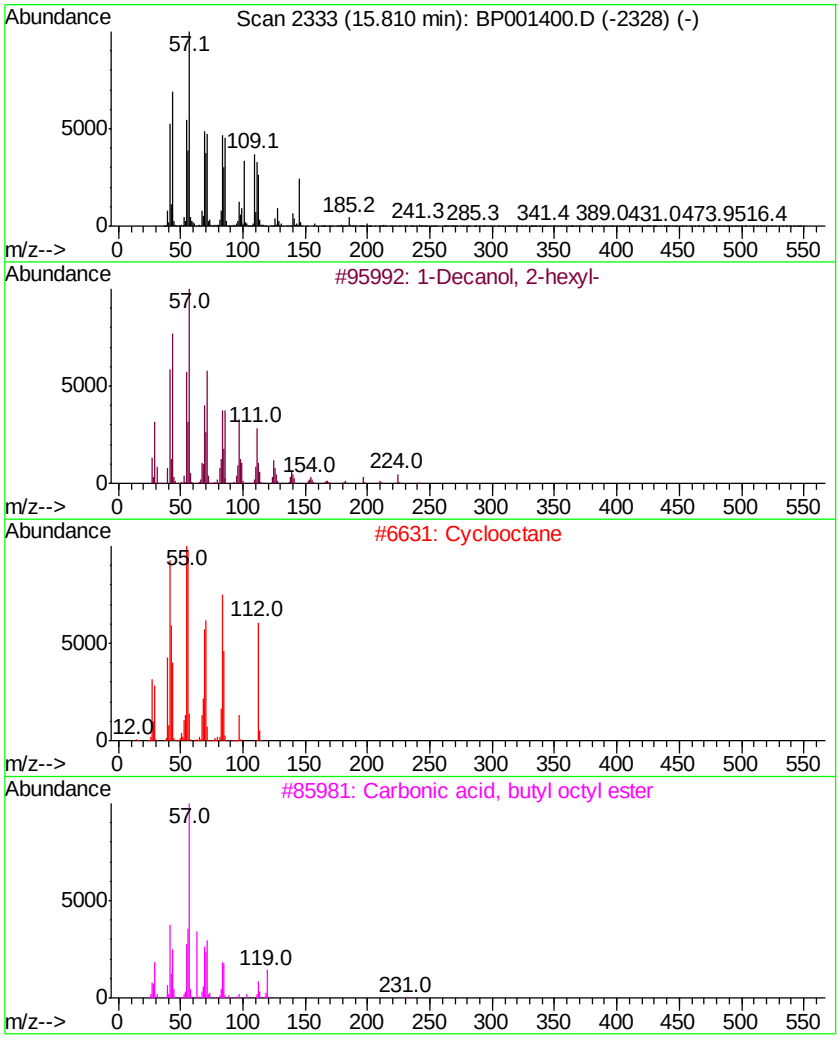
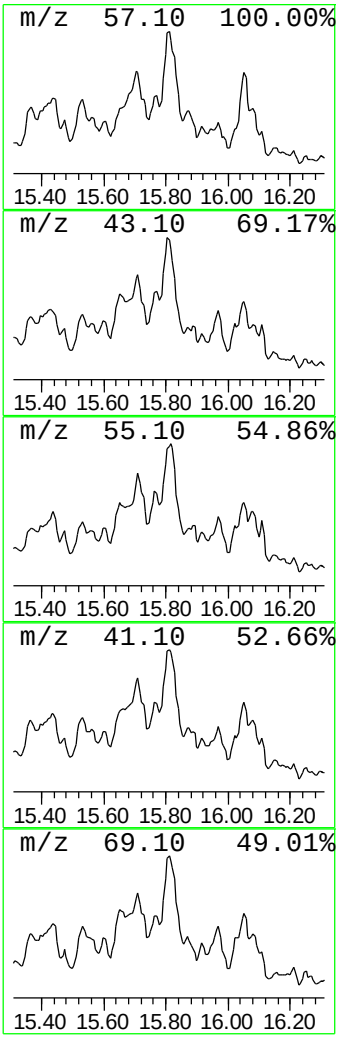
Peak Number 16 unknown15.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	133.79 ng	10981800	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
2	Cyclooctane	112	C8H16	000292-64-8	42
3	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	35
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	35
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30





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Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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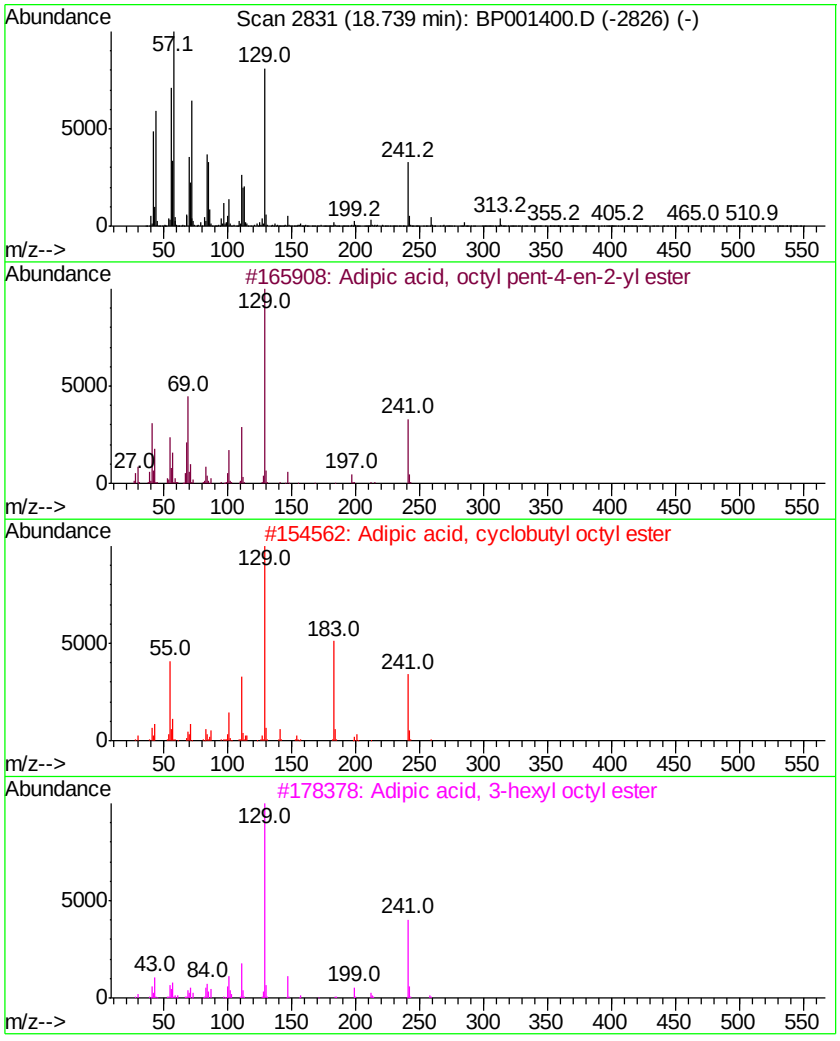
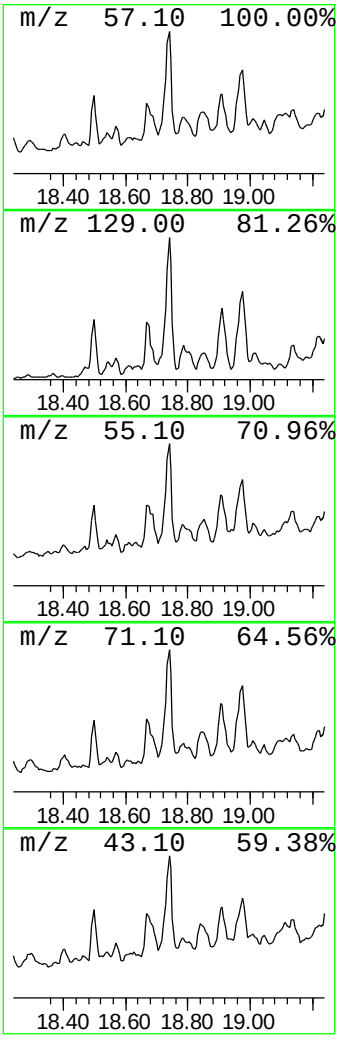
Peak Number 17 unknown18.74 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	77.29 ng	1618900	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, octyl pent-4-en-2-y...	326	C19H34O4	1000354-12-4	46
2	Adipic acid, cyclobutyl octyl ester	312	C18H32O4	1000324-27-6	38
3	Adipic acid, 3-hexyl octyl ester	342	C20H38O4	1000353-62-7	38
4	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	27
5	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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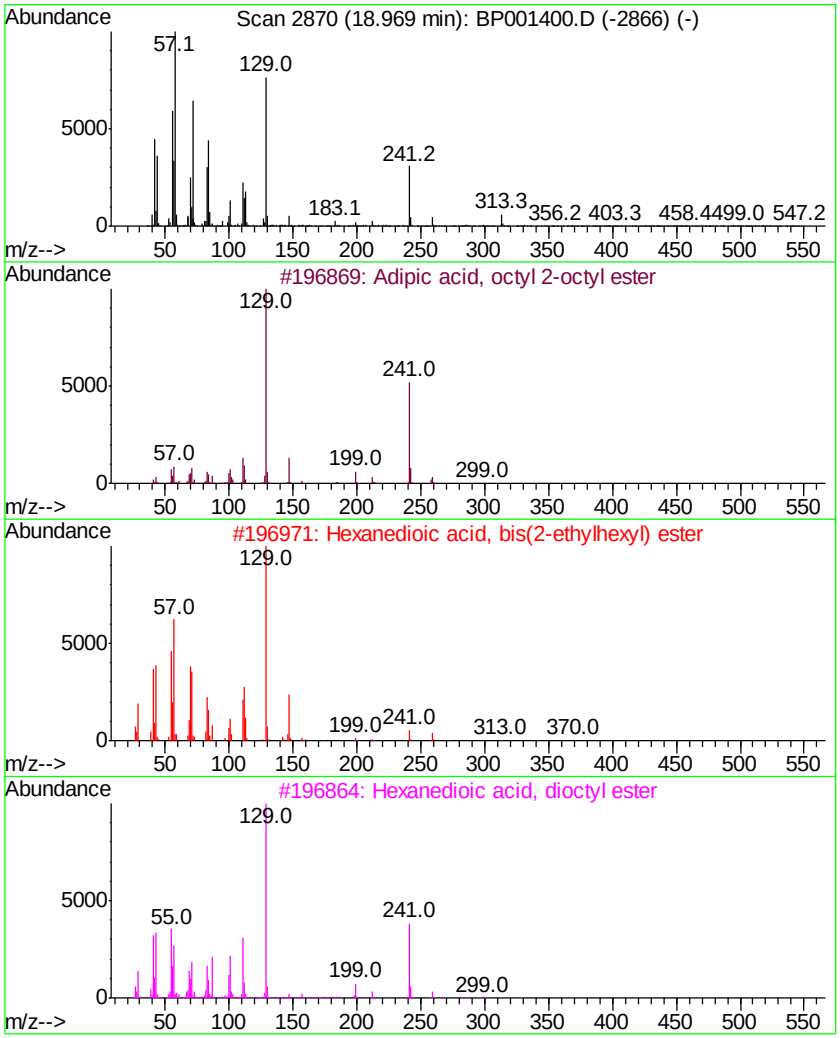
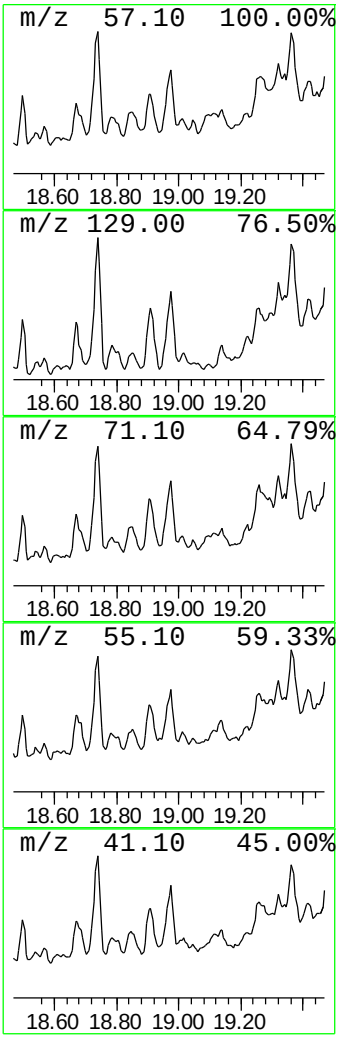
Peak Number 18 Adipic acid, octyl 2-octyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	47.89 ng	1003050	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, octyl 2-octyl ester	370	C22H42O4	1000324-45-0	53
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	50
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	47
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	38
5	Diisopropyl adipate	230	C12H22O4	006938-94-9	35





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Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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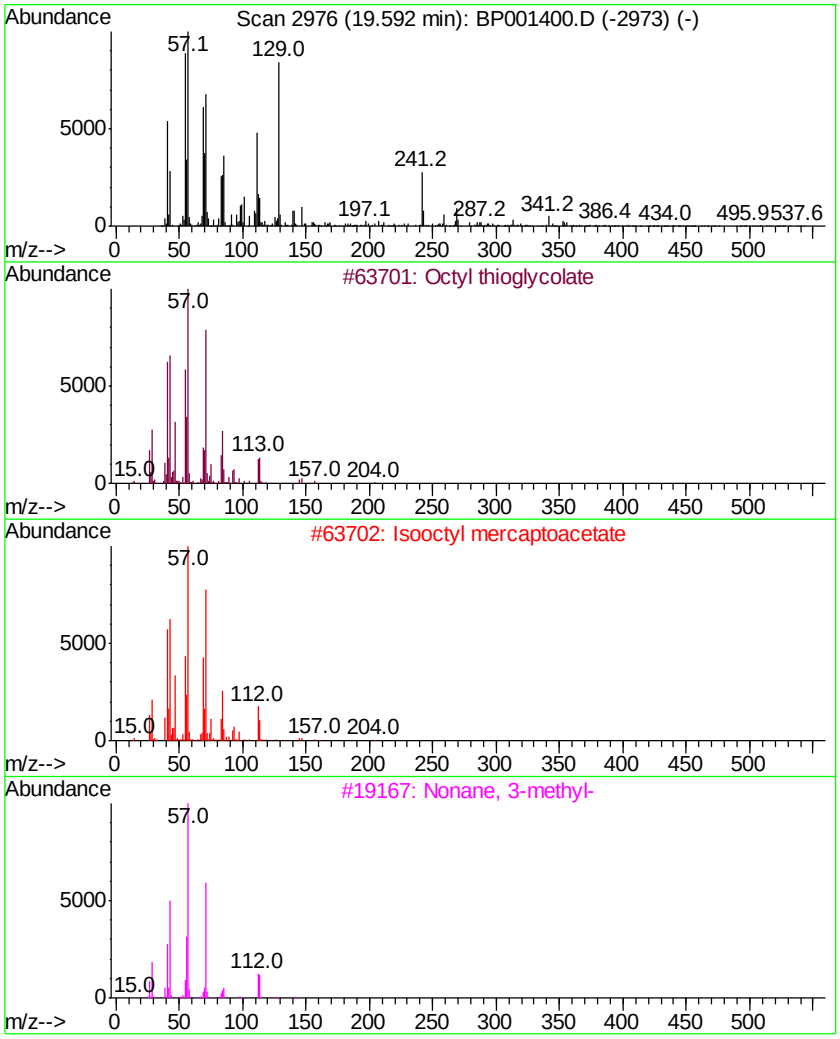
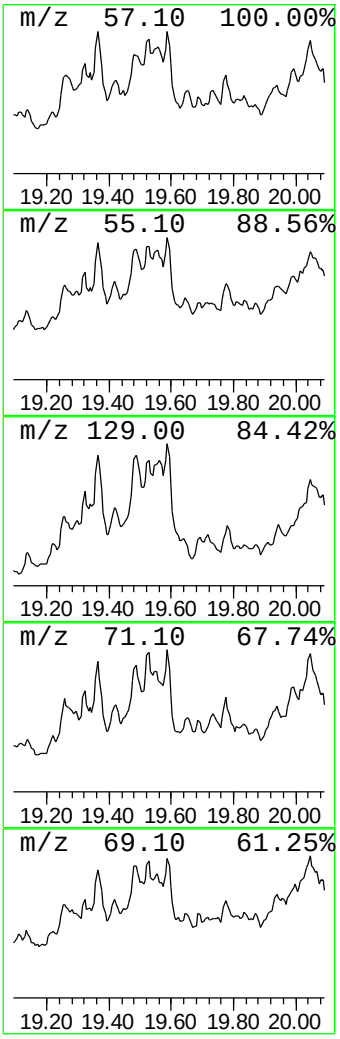
Peak Number 20 unknown19.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	48.28 ng	1011310	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl thioglycolate	204	C10H20O2S	007664-80-4	38
2	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	30
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	30
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	30
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-ethyl-4...	11.04	57.5	ng	11766600	2	10.33	4094060	20.0
unknown12.23	12.23	77.6	ng	1960340	3	13.19	505369	20.0
Isobutyl 2-methyl...	12.63	64.9	ng	1639480	3	13.19	505369	20.0
Benzenamine, N-pr...	13.49	565.1	ng	14279000	3	13.19	505369	20.0
1-Tetradecene	13.83	89.8	ng	2268340	3	13.19	505369	20.0
Acetic acid, tric...	13.89	123.8	ng	3129370	3	13.19	505369	20.0
2- Chloropropioni...	14.07	57.4	ng	1450080	3	13.19	505369	20.0
1-Heptanol, 2,4-d...	14.20	149.1	ng	3768270	3	13.19	505369	20.0
unknown14.26	14.26	95.0	ng	2401220	3	13.19	505369	20.0
unknown14.30	14.30	46.1	ng	1163880	3	13.19	505369	20.0
1-Decene, 2,4-dim...	14.35	229.1	ng	5788920	3	13.19	505369	20.0
unknown14.69	14.69	47.4	ng	3888780	4	15.60	1641710	20.0
unknown14.72	14.72	62.8	ng	5155830	4	15.60	1641710	20.0
unknown14.76	14.76	79.3	ng	6505230	4	15.60	1641710	20.0
unknown15.81	15.81	133.8	ng	10981800	4	15.60	1641710	20.0
unknown18.74	18.74	77.3	ng	1618900	5	19.23	418905	20.0
Adipic acid, octy...	18.97	47.9	ng	1003050	5	19.23	418905	20.0
unknown19.59	19.59	48.3	ng	1011310	5	19.23	418905	20.0